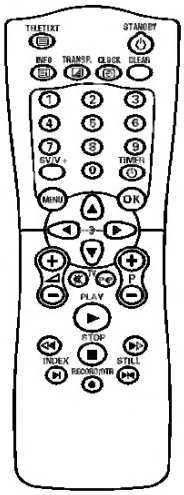
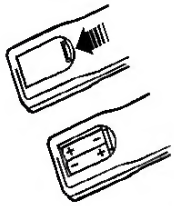
OPERATING INSTRUCTIONS IN BRIEF

The remote control





STANDBY Standby

CLEAR Reset/clear

0-9 Digit buttons 0-9

SV/V+ 'VIDEOPlus+' programming

TIMER TIMER programming on the set

MENU Call menu

OK Confirm button

◀/▶/▲/▼ Menu left/right/Up/Down

◢+/− Volume control

P+/− Programme number Plus/Minus

MUTE Mute sound

▶ PLAY Playback

◀◀ Rewind/Reverse scanning

STOP■ Pause/Stop

▶▶ Forward wind/ Forward scanning

INDEX▶| Index search

RECORD● Record

STILL▶|◀ Still picture

TRANSP. TELETEXT transparent

TELETEXT TELETEXT on/off

CLOCK TELETEXT clock time

In TELETEXT you can store the relavent page with the OK button.

Selecting TELETEXT functions: when you are in TELETEXT, press the MENU button. Select the required function with the ◀ and the ▶ buttons. Confirm with the OK button.

Front of the set

Standby

P+/− Programme number Plus/Minus

◢+/− Voluma control

Record

◀◀ Rewind/Reverse scanning

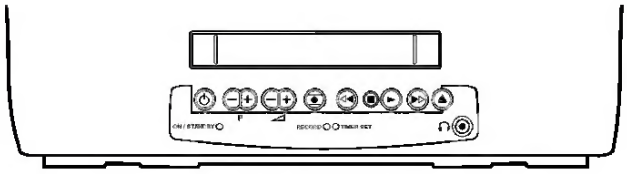
■ Pause/Stop

▶ Playback

▶▶ Forward wind/ Forward scanning

⏏ Cassatte ejact

Headphones socket



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Programming with 'VIDEOPlus+'

All the information required for programming is encoded in the 'VIDEOPlus+' code.

1. Press the SV/V+ button on the remote control.
2. Enter the entire 'VIDEOPlus+ code'. This code (up to 9 digits) is found next to the start time of a TV programme in your TV guide.
   If you entered an incorrect code number, clear it with the CLEAR button.
3. If you want to repeat programming at daily or weekly intervals, select the required settings in the 'DAILY/WEEKLY' line.
   'Daily' programming can only be used for recordings to be made from Mondays to Fridays inclusive.
1. After confirming the corresponding data appears on the TV screen.

Note: If you use VIDEOPlus+ for the first time, the 'PROGRAMME NR.' line appears when you enter the VIDEOPlus+ code. Enter the required programme number.

5. Confirm with the OK button.
   The data has been stored in a TIMER block.
   Please ensure that you loaded a cassette without erase protection.
6. Press the STANDBY button.

How to enter, check or clear a TIMER-block manually

1. Press the TIMER button.
2. Select a free TIMER block or the TIMER block you want to check or clear.
3. **Clear:** Press the CLEAR button.
1. **Enter/Check:** Press the ◄ or ► button to switch between 'DATE' (date), 'DW' (daily, weekly), 'PR' (programme number), 'START' (start time) and 'END' (end time).
   Press the ▲ and the ▼ or the 0-9 buttons to change the data.
5. To end programming, press the MENU button.
6. Press the STANDBY button.

Selecting a TV channel

Select the required TV channel (= programme number) with the P +/– button or the 0-9 buttons on the remote control.
The selected programme number (e.g.: 'P 01') appears in the upper right corner of the TV screen.

Volume control

You can control the volume level with the +/– button.

If you want to mute the sound temporarily (e.g.: during a telephone call), press the MUTE button on the remote control. When you press it again, the sound returns at the same volume level.

Picture control

You can control brightness, contrast, sharpness and colour here.

1. Press the MENU button.
2. Select and confirm the line 'PICTURE' .
3. Select and confirm the TV screen setting.

Note: In addition, you can adjust the tint for the playback of cassettes in the NTSC standard.

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OPERATING INSTRUCTIONS PHILIPS 20PV184/05

UK

Congratulations on the purchase of one of the most sophisticated and simple-to-use television/video recorder combinations (TV Combi) on the market. With this TV Combi you can record and play VHS-standard cassettes.

VHS

Please take the time to read this operating manual before using your TV Combi.

Safety instructions and other notes

- Danger: high voltage! Do not open the set. The set does not contain any components that can be repaired by the customer. When the appliance is connected to the power supply there are some components that are constantly operational. To switch off the set completely you must disconnect it from the power supply.
- Note that this power pack is designed for a power supply of 220-240V/50Hz.
- Ensure that air can circulate freely through the ventilation slots on the set.
- Ensure that no objects or liquids enter the set. If liquid is spilt into it, disconnect the set immediately from the power supply and call the After-sales Service for advice.
- The set should not be used immediately after transportation from a cold to a hot area or vice versa, or in conditions of extreme humidity.
  After unpacking the set, it should be allowed to acclimatize for at least three hours before installation.
- These operating instructions have been printed on nonpolluting paper.
- Deposit old batteries at the relevant collection points.
- Please make use of the facilities available in your country for disposing of the packaging of the set in a way that helps to protect the environment.
- This electronic equipment contains many materials that can be recycled. Please inquire about the possibilities for recycling your old set.
- VIDEDPlus+ and PlusCode are trademarks of Gemstar Development Corpoation. The VIDEDPlus+ system is manufactured under licence from Gemstar Development Corporation.

VIDEO Plus+

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1. INSTALLATION

Important for the United Kingdom

This apparatus is fitted with an approved moulded 13 Amp plug. To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.
If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

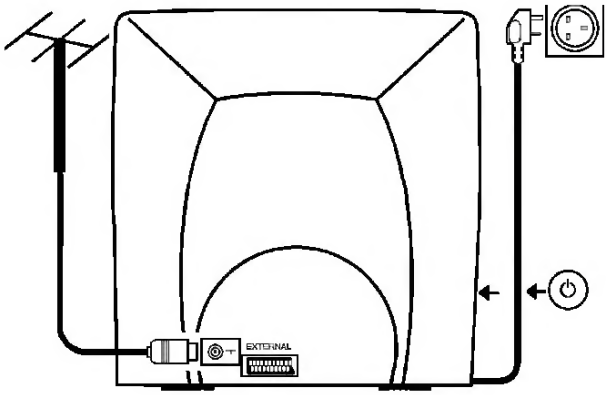
Note: * The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

How to connect a plug:
The wires in the mains lead are coloured in accordance with the following code:
BLUE - 'NEUTRAL' ('N')
BROWN - 'LIVE' ('L')

1. The BLUE wire must be connected to the terminal which is marked with the letter 'N' or coloured BLACK.
2. The BROWN wire must be connected to the terminal which is marked with the letter 'L' or coloured RED.
3. Do not connect either wires to the earth terminal in the plug which is marked with the letter 'E' or by the safety earth symbol ⏚ or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead - not simply over the two wires.

Connecting the cables



1. Insert the aerial plug into the ⊓ socket.
2. Insert the plug of the mains cable into the wall socket.
3. Switch the set on. The power switch ⏻ is located on the left side panel of the set.

Important notes for operation

- We advise you, from now on, to switch the set to standby using the STANDBY ⏻ button on the front of the set or on the remote control.
- When the set is in the standby mode, a small red lamp on the left of the front of the set will be alight.
- You can switch on with the STOP ■ button, the 0-9 buttons or by inserting a cassette.
- **Attention:** When you use the power switch ⏻ on the side panel, you have **completely** switched off the set from the mains power supply. No programmed recordings will then be made. The red lamp on the left of the front of the set will not be alight. After a few hours, the date and clock settings will be lost.
- **Attention:** Before you switch off the appliance with the power switch ⏻, remove the tape by pressing the ▲ button.
- Keep your TV Combi connected to the mains and the power switch in 'on' position at all times to ensure that programmed recordings can be made and that the television functions normally. The power consumption required is low.
- Back-up power supply: TV channel storage - typically 1 year, Clock/Timer - typically 30 hours.

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UK

Connecting additional equipment

You can also connect additional equipment to the EXTERNAL socket, for instance, a decoder satellite receiver or camcorder.

Emergency interrupt

Both the set and the remote control have an 'Emergency interrupt' button. You can use the STANDBY button to interrupt any function.
To interrupt a TIMER recording, press the STANDBY button several seconds.
Whenever you have operating problems you can simply interrupt the function and start again.
You can practise operating your set without any worries. No matter which buttons you press, you cannot damage it.

User guide

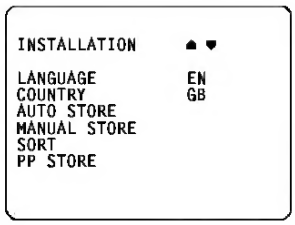
With OSD (On Screen Display) the corresponding functions appear on the TV-screen. The most important button-functions are displayed at the bottom of the screen.

Throughout this instruction manual, use the following buttons for the functions 'Call up', 'Select', 'Enter'/'Adjust', 'Confirm' and 'Exit':

- **Call up:** Use the MENU button.
- **Select:** Select a line with the ▲ or ▼ button. Use the 0-9 buttons or the ◄ or ► menu button to select within a line.
- **Enter/Alter:** With the ◄ or ► or with the 0-9 button.
- **Confirm:** With the OK button.
- **Exit:** With the MENU.

Making standard settings

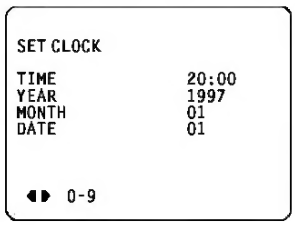
1. To start, press the STOP■ button. Press the menu buttons ◄ and ► simultaneously.



2. Select the required display language in the 'LANGUAGE' line.
3. Select your country in the 'COUNTRY' line.

Setting the clock and date

1. To start, press the STOP■ button.
2. Press the MENU button.
3. Select and confirm the line 'FEATURES'.
4. Select and confirm the line 'SET CLOCK'.



5. Enter the time, year, month and date.

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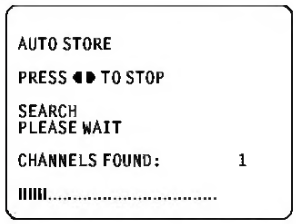
Automatic channel search

1. Switch on with the STOP■ button. Press the menu buttons ◄ and ► simultaneously.

2. Select and confirm the line 'AUTO STORE'.
   The 'Automatic channel search' function starts.



3. Wait until all TV channels have been stored.
   All TV channels will be stored from programme number 1 upward.

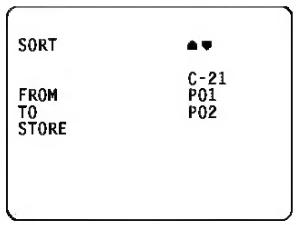
How to search for a TV channel manually, you can read in chapter 4 '**SPECIAL FEATURES**' in the section 'Manual channel search'.

Note: Automatic Channel Installation (ACI), only for sets with TELETEXT:
Some cable companies or broadcasters offer the possibility to install TV channels automatically with 'ACI'.
Information about the installation offered and how to select it, will appear in the display.
This set will recognize and install TV channels with 'ACI' automatically.
TV channels will be stored from programme number 1 onward.
If 'ACI' cannot identify a TV channel, you can search for it using the method as described in the section 'Manual channel search'.
* If the 'Automatic channel search' function is activated, any previously programmed TIMER blocks will be cleared.
You can store up to 69 TV channels.

Allocating channel numbers

1. Switch on with the STOP■ button. Press the menu buttons ◄ and ► simultaneously.

2. Select and confirm the line 'SORT'.



3. On the TV screen, in the line 'FROM', select the TV channel to which you want to allocate a programme number, e.g.: 'P 01'.

4. In the line 'TO', select the required programme number, e.g.: 'P 02'.

5. Select and confirm the line 'STORE'.
   The allocated TV channels will be exchanged.

6. Repeat steps 3 to 5 until you have allocated a programme number to all the required TV channels.
   To finish, press the MENU button twice.

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2. PLAYBACK

UK

1. Insert a cassette into the cassette slot.
2. Press the [► PLAY] playback button.
3. **Picture search:** Now press the [◁◀] (rewind) or [▶▷] (wind) button once or several times.
4. **Interrupt:** Press the [STOP ■] button.
5. **Wind:** Stop the tape and press the [◁◀] (rewind) or the [▶▷] (wind) button.
6. **Eject:** Press the [▲] button on the set.

Note: Some functions switch off automatically after a while (e.g.: Pause, Still Picture, Scanning). This helps to protect the cassette and prevent unnecessary power consumption.
* With this set you can play back cassettes that have been recorded on another TV combi in the NTSC standard.
* If you load a cassette with erase protection, the TV Combi starts playback automatically.
* The picture quality is affected during scanning. The sound is switched off.
* Remove the cassette before transporting the TV Combi.

Still picture

1. Press the [STILL ▶I◀] button. You see a still picture. Interference stripes will appear.
   Each time you press the [STILL ▶I◀] button again the picture will move on one step.

Continuous playback

1. Press the [MENU] button.
2. Select and confirm the 'SPECIAL' line.
3. Select the 'REPEAT PLAY' line. Switch on the continuous playback.
4. Press the [MENU] button.
5. Start the continuous playback with the [► PLAY] playback button.
6. If you want to cancel the function, stop the continous playback in the 'REPEAT PLAY' line.

Tape position/Index search

Tape position: If you press the [OK] button the tape position will be shown in the display during Wind, Rewind, Record, Playback and Pause/Stop.

Index search: Every time you start to record, the tape is marked with a code mark.

1. Press the [INDEX ▶I] button. Press the [▶▷] button to select the next code mark or the [◁◀] button for the previous code mark.
2. Once the TV Combi finds the code mark or unrecorded area it will automatically switch to playback.

Note: When you press any tape transport button (e.g.: the [◁◀] or [▶▷] button) this search function will be stopped.
* You cannot use this function with recordings made on another video recorder that does not have this function.

Eliminating picture interference

1. Ouring playback press the [MENU] button.
2. Select and confirm the 'SPECIAL' line.
3. Select the 'TRACKING' line.
4. Press the [◄] or [►] button until the playback quality is at its best.
5. Press the [MENU] button. This setting will remain until you remove the cassette.
6. **Cleaning function:** Press the [MENU] button.
7. Select and confirm the 'SPECIAL' line.
8. Select the 'CLEANING' line.
9. Press the [OK] button. A blue screen appears for a few seconds.
10. Wait until the blue screen disappears and press the [MENU] button.

Note:
* Some hired cassettes may have a poor picture/sound quality. This is not a fault in your set.

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3. RECORD

1. Insert a cassette.
2. Use the [P+/−] button to select the programme number from which you wish to record, e.g.: 'P 01' .
3. Press the [RECORD ●] button.
4. Use the [STOP ■] button to stop the recording.
5. If, whilst recording, you want to switch off the TV screen, press the [STANDBY ⏻] button **once**.
   To switch the TV screen on again, press the [P+/−] button.

Important notes for recoding

- **OTR:** If you do not want to record to the end of the cassette, press the [RECORD ●] button again. The display shows at what time the recording will stop.
  With the [◄] or the [►] button you can change the end time of the recording in 30 minute intervals.
  If you wish to cancel the end time, press the [CLEAR] button. This does not effect the recording.
- Programme number 'E1' is provided for recording from external sources (via the [EXTERNAL] scart socket).
- Programme number 'AV' is provided for recording from external sources (via the front socket).
- **Erase protection:** So that you don't accidentally delete an important recording, you can remove the special tab (erase protection) on the narrow side of the cassette with a screwdriver or slide the special tab to the left.
  Later, if you no longer want the cassette to be erase protected, you can seal the gap again with adhesive tape or slide the special tab to the right.
- **Auto-assembling:** You can use the auto-assembling function to join individual recordings without any major picture disturbance between the recordings.
  Search for the correct position on the tape and then stop the playback by pressing the [STOP ■] button. 'PAUSE' appears in the display.
  Now start recording as usual by pressing the [RECORD ●] button.
- **Long play: Before** recording, press the [MENU] button.
  Select and confirm the 'SPECIAL' line.
  Select and confirm the 'TAPE SPEED' line.
  Select the 'LP' (=**L**ong**P**lay) recording speed and stop by pressing the [MENU] button.
  During playback the TV Combi will automatically select the correct playback speed.

Programme a recording

The set needs the following information for every programmed recording:

* the date on which the recording is to be made
* the programme number for the TV channel
* the start and end time of the recording
* VPS/PDC on or off

The set stores all the information mentioned above in what is known as a TIMER block. It can store 6 TIMER blocks for up to one month in advance.

'VPS' (Video Programming System)/ 'PDC' (Programme Delivery Control)

With 'VPS/PDC', the TV station controls the start and the duration of a programmed recording. This means that the video recorder switches itself on and off at the **right time** even if a TV programme you have programmed begins earlier or finishes later than expected.
Usually the start time is the **same** as the 'VPS/PDC' time. If, however, a different 'VPS/PDC' time is given, e.g.: '20.15 (VPS/PDC 20.14)', you have to enter '20.14' (the 'VPS/PDC' time) exactly to the minute.
If you are not using 'VPS/PDC', the 'VPS/PDC' indication must be off.

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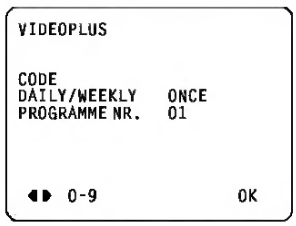
Programming with 'VIDEOPlus+'

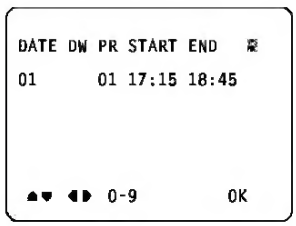
All the information required for programming is encoded in the 'VIDEDPlus+' code.

1. Press the SV/V+ button on the remote control.
2. Enter the entire 'VIDEDPlus+ code'. This code (up to 9 digits) is found next to the start time of a TV programme in your TV guide.
   If you entered an incorrect code number, clear it with the CLEAR button.



3. If you want to repeat programming at daily or weekly intervals, select the required setting in the 'DAILY/WEEKLY' line.
   'Daily' programming can only be used for recordings to be made from Mondays to Fridays inclusive.
4. After the confirmation the corresponding data appears on the TV screen.

Note: If you use 'VIDEDPlus+' for the first time, the 'PRDGRAMME NR.' line appears when you enter the 'VIDEDPlus+' code. Enter the required programme number for this TV channel.



5. Confirm with the OK button.

The data has been stored in a TIMER block.
Please ensure that you loaded a cassette without erase protection.

6. Press the STANDBY button.

How to enter, check or clear a TIMER block manually

1. Press the TIMER button.
2. Select a free TIMER block or the TIMER block you want to check or clear.
3. **Clear:** Press the CLEAR button.
4. **Enter/Check:** Press the ◀ or ▶ button to switch between 'DATE' (date), 'DW' (daily, weekly), 'PR' (programme number), 'START' (start time) and 'END' (end time).
   Press the ▲ and the ▼, or the 0-9 buttons to change the data.
5. To end programming, press the MENU button.
6. Press the STANDBY button.

Important notes for programmed recordings

- If the message 'PLEASE PRESS STDP' or 'PLEASE PRESS STANDBY' appears on the TV screen, press the STOP ■ or the STANDBY button.
  A TIMER recording will function only, if the set isn't used for other video recorder functions (e.g.: playback).
- The TIMER lamp on the front of the set lights up when one or more of the TIMER blocks are occupied.
- If the end of the cassette is reached during a recording, the video recorder automatically ejects the cassette. The set switches off after a few minutes.
- If you forget to load a cassette, 'ND CASSETTE CANNDT RECDRD' will appear.
- If you inserted a cassette with erase protection when you want to start a recording, the cassette will be ejected.
- If 'CDDE ERRDR' appears on the TV screen, you entered an incorrect code number or the incorrect date. Repeat the entry or end with the STANDBY button.
  With 'Daily' programming, the first recording must take place within a week.
- If 'DAILY ERRDR' appears on the TV screen, the date was incorrectly entered. 'Daily' programming can only be used for recordings to be made from Mondays to Fridays inclusive.
- The programmed recording will always be made at the recording speed (SP/LP) that **has already been** selected on the TV Combi.

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4. SPECIAL FEATURES

How to read TELETEXT

- Press the TELETEXT button to switch the TXT decoder on and off. The TV-VIDED Combi is now receiving the TXT of the TV channel currently selected.
- To store the current page, press the OK button.
- If you want to select an other page, type in the number with the digit buttons 0-9.

Extra TELETEXT functions

- If you want to superimpose the clock time, press the CLOCK button.
- If you want to go to TELETEXT page 100, press the INFO button.
- If you want TELETEXT to be shown transparently, press the TRANSP. button.

To use the extra TELETEXT functions, press the MENU button, when you are in TELETEXT.

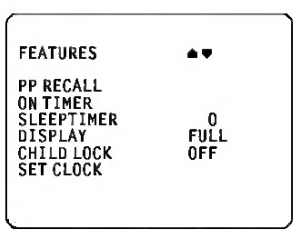
- To enlarge the print, select the symbol ' ↑ ' and confirm with the OK button.
- To switch off the TELETEXT decoder temporarily, select the symbol ' X ' and confirm with the OK button.
- To call up a sub-page:

1. Select the symbol ' /00 ' and confirm with the OK button.
2. Enter the page number of the sub-page.
   - To call up concealed information, select the symbol ' ? ' and confirm with the OK button.
   - To stop the pages from being turned over, select the symbol ' STOP ' and confirm with the OK button.

On Screen Display (OSD)

You can switch DSD on or off.

1. Press the MENU button.
2. Select and confirm the 'FEATURES' line.



3. Select the 'DISPLAY' line.
4. Select one of the options indicated.
   'FULL': DSD appears for a few seconds each time an operating mode is selected and then disappears.
   'DFF': DSD is switched off.
   'PRDG': only the programm number appears.
   'CDUNT': only the counter appears.
5. Confirm it with the MENU button.

Note: With the OK button you can superimpose the actual operating mode on the TV screen.

Personal Preset

You can make your personal picture and volume settings here. You can call up this setting and it will be used automatically when you switch the set on.

1. Select your personal setting. (see chapter 'The TV set functions'). Press the menu buttons ◄ and ► button simultaneously.
2. Select and confirm the 'PP STDRE' line.
3. To end press the MENU button. The personal setting has been stored.
4. **Calling up your Preset:** Press the MENU button.
5. Select and confirm the 'FEATURES' line.
6. Select and confirm the 'PP RECALL' line.
7. Press the MENU button. The set will use this setting.

Sleep function (switch off)

You can programme your set to switch off after a predetermined period.

1. Press the MENU button.
2. Select and confirm the 'FEATURES' line.

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3 Select 'SLEEPTIMER' line.

4 With the ◄ or the ► button you can determine the minutes left until switch off in 15 minutes intervals. When you set the time to '0' with the CLEAR button the sleep function is switched off.

5 Press the MENU button.

Switch set on function

You can programme your set to switch on at a predetermined time.

1 Press the MENU button.

2 Select and confirm the 'FEATURES' line.

3 Select and confirm the 'ON TIMER' line.

4 Oetermine the time you wish the set to switch on.

5 Select the 'WAKE UP' line and switch the 'on-timer' on or off.

6 Press the MENU button.

Child lock

1 Press the MENU button.

2 Select and confirm the 'FEATURES' line.

3 Select the 'CHILO LOCK' line.

4 Switch the child lock on or off.

5 Press the MENU button.

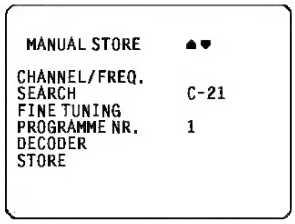
Note: If a button is pressed with the childlock 'on', 'CHILO LOCK' appears for a few seconds in the display.
* Programmed recordings are made despite the child lock and cannot be interrupted.

Manual channel search

In certain cases the Automatic channel search may not be able to find all of the TV channels (e.g.: coded TV channels). You can then use this manual method to set the channels.

1 Switch on the set with the STOP■ button. Press the menu buttons ◄ and ► simultaneously.

2 Select and confirm the 'MANUAL STORE' line.



3 Select the 'SEARCH' line.

4 Press the ► button as often as necessary, until you have found the right TV channel.

Note:
* If you want to allocate a decoder, switch the decoder function on or off with the ◄ or ► button in the 'OECOOER' line.
* If you want to change the automatic channel setting, select the 'FINE TUNING' line.
With the ◄ or ► button you can vary the automatic TV channel setting.
Important: This re-tuning is only necessary and useful in **special cases**, e.g.: when there are stripes on the picture with cable-TV systems.

5 In the 'PROGRAMME NR.' line use the P+/– button to select the required programme number, e.g.: 'P 01' .

6 Select and confirm the 'STORE' line.

7 If you want to search for further TV channels, start again at step 4.
To finish, press the MENU button twice.

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UK

Before you call an engineer

If, contrary to expectation, you experience any difficulty in operating this TV Combi, please call the **customer service** in your country.
You will find the telephone numbers in the enclosed guarantee leaflet.

The set does not respond to any button being pressed:
- No power supply.
- Technical disturbance: disconnect from the mains for 30 seconds, then re-connect.
- The power switch on the side panel is switched off.
- Child lock is active.

Cassette jammed:
- Don't use force. Pull out the mains plug for a moment.

Remote control does not operate:
- Remote control wasn't pointed at the set.
- Batteries are exhausted.

No playback on TV Combi:
- No recording on the cassette.

No TV reception:
- The aerial is not connected.
- No TV channels have been stored.

Poor playback from TV combi:
- Cassette badly worn or of poor quality.
- Use the 'TRACKING' function.

No recording possible:
- TV channel not stored or wrongly selected.
- Cassette with erase protection has been loaded.

Programmed recording does not function:
- TIMER not set properly.
- Time data wrongly programmed.
- A cassette with erase protection has been loaded.
- VPS/PDC switched on but 'VPS/PDC time' wrong. Check aerial.

This product complies with the requirements of the Directive 73/23/EEC + 89/336/EEC + 93/68/EEC.

TYPE	**20PV184/05**
VNxx	**SER.NR.....**

20PV184/05
3103 166 20783
8205/003

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